

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|------------------------|------------------|---------|------------------|
| L9 | 0 | (pump and wall and membrane and (self adj seal \$3) and lock).clm. | US-PGPUB; USPAT; USOCR | OR | ON | 2011/03/19 16:42 |
| L10 | 0 | (pump and wall and membrane and (self adj seal \$3) and lock) | US-PGPUB; USPAT; USOCR | OR | ON | 2011/03/19 16:42 |
| L11 | 623 | (pump and wall and membrane and (self adj seal \$3) and lock) | US-PGPUB; USPAT; USOCR | OR | ON | 2011/03/19 16:43 |
| L14 | 1 | (pump and wall and membrane and (self adj seal \$3) and lock).clm. | US-PGPUB; USPAT; USOCR | OR | ON | 2011/03/19 16:43 |
| L15 | 6 | ("4634443" "4773403" "5078676" "5704915" "5836935" "6074341").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2011/03/19 16:50 |
| L16 | 2 | lock and 15 | US-PGPUB; USPAT; USOCR | OR | ON | 2011/03/19 16:51 |
| S1 | 735 | (128/899).OCLS. | US-PGPUB; USPAT | OR | OFF | 2009/12/18 19:38 |
| S2 | 6 | (US-4840615-\$ or US-4798584-\$ or US-4685447-\$ or US-4662357-\$ or US-4190040-\$ or US-3831583-\$).did. | USPAT | OR | ON | 2009/12/18 20:00 |
| S3 | 300 | ("2073766" "2842775" "3063462" "3170482" "3310051" "3343542" "3527220" "3528869" "3538917" "3600718" "3640269" "3831583" "3905387" "3919724" "3934274" "4160456" "4190040" "4217889" "4235446" "4280498" "4320776" "4341382" "4364395" "4400169" "4405305" "4413359" "4428364" "4536179" "4543088" "4557724" "4685447").PN. OR ("3831583" "4190040" "4662357" "4685447" "4798584" "4840615").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/12/18 20:02 |

| | | | | | | |
|-----|-------|--|------------------------------|----|-----|---------------------|
| S4 | 730 | (600/30,40).CCLS. | US-PGPUB; USPAT | OR | OFF | 2009/12/18 20:24 |
| S5 | 0 | ("pump.ti.").PN. | US-PGPUB; USPAT | OR | OFF | 2009/12/18 20:37 |
| S6 | 65361 | pump.ti. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/12/18 20:37 |
| S7 | 2 | pump same manual same membrane same septum | US-PGPUB; USPAT; USOCR | OR | ON | 2009/12/18 20:38 |
| S8 | 45 | (pump same manual) and (membrane same septum) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/12/18 20:39 |
| S9 | 2908 | implant\$4 adj pump | US-PGPUB; USPAT; USOCR | OR | ON | 2009/12/18 20:40 |
| S10 | 72 | implant\$4 adj pump.ti. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/12/18 20:40 |
| S11 | 34 | membrane and S10 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/12/18 20:40 |
| S12 | 405 | (417/474).CCLS. | US-PGPUB; USPAT | OR | OFF | 2009/12/18 21:08 |
| S13 | 253 | (417/412).CCLS. | US-PGPUB; USPAT | OR | OFF | 2009/12/18 21:10 |
| S14 | 724 | (417/234).CCLS. | US-PGPUB; USPAT | OR | OFF | 2009/12/18 21:11 |
| S15 | 465 | (417/437).CCLS. | US-PGPUB; USPAT | OR | OFF | 2009/12/18 21:12 |
| S16 | 231 | pump same head same septum | US-PGPUB; USPAT; USOCR | OR | ON | 2009/12/18 21:21 |
| S17 | 889 | prosthesis with pump | US-PGPUB; USPAT; USOCR | OR | ON | 2009/12/18 21:27 |
| S18 | 110 | septum and S17 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/12/18 21:27 |
| S19 | 11994 | expand\$4 and implant\$4 and pump and membrane | US-PGPUB; USPAT; USOCR | OR | ON | 2009/12/18 21:30 |
| S20 | 242 | S17 and S19 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/12/18 21:30 |
| S21 | 24 | ("4222377" "4571749" "4634443" "4850963").PN. OR ("5562598").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/12/18 21:33 |

| | | | | | | |
|-----|-----|---|------------------------------|----|----|---------------------|
| S22 | 594 | S17 not (S18 S20) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/12/18 21:37 |
| S23 | 547 | sphincter same pump | US-PGPUB; USPAT; USOCR | OR | ON | 2009/12/18 21:45 |
| S24 | 232 | sphincter with pump | US-PGPUB; USPAT; USOCR | OR | ON | 2009/12/18 21:45 |
| S25 | 1 | ("2006/0127246").URPN. | USPAT | OR | ON | 2009/12/18 21:53 |
| S26 | 389 | ("1637219" "1810027" "2073766" "2271927" "2717556" "2775401" "2842775" "2845032" "3063462" "3170482" "3343542" "3494343" "3528869" "3559214" "3640269" "3831583" "3905387" "3919724" "3934274" "4019499" "4160454" "4160456" "4190040" "4205401" "4217889" "4222377" "4235446" "4280498" "4320776" "4341382" "4364395" "4400169" "4405305" "4413359" "4419985" "4428364" "4459167" "4536179" "4543088" "4549531" "4551862" "4557724" "4569675" "4571749" "4615704" "4636213" "4666447" "4673394" "4685447" "4704103" "4710174" "4719918" "4723948" "4738657" "4762517" "4767410" "4772270" "4778452" "4781680" "4781695" "4798584" "4802885" "4834720" "4840615" "4861341" "4880414" "4904241" "4929236" "4969873" "5013298" "5026344" "5041098" "5045060" "5053013" "5056992" "5090954" "5108377" "5137529" "5158547" "5185003" "5207644" "5213574" "5263930" "5318545" "5324518" "5328465" "5336194" "5360407" | US-PGPUB; USPAT; USOCR | OR | ON | 2009/12/18 21:54 |

| | | | | | | |
|-----|----|--|------------------------------|----|-----|---------------------|
| | | "5387192" "5476460" "5562618" "5613945").PN. OR ("2003/0073880" "4190040" "4634443" "4662357" "4685447" "4738657" "4798584" "4840615" "4841948" "5074878" "5435230" "6039712").URPN. | | | | |
| S27 | 70 | ("2969066" "3020913" "3233610" "3288142" "3452757" "3527226" "3566875" "3595240" "3654932" "3674050" "3683929" "3690323" "3758073" "3769982" "3827439" "3886948" "3889687" "3924635" "3985140" "3991768" "3999553" "4156422" "4190040" "4215695" "4332255" "4387715" "4443214" "4464168" "4540400" "4551128" "4552553" "4557721" "4560375" "4578057" "4583967" "4588394" "4595390" "4601724" "4605395" "4627832" "4631051" "4636194" "4673384" "4675003" "4676772" "4681559" "4735607").PN. OR ("4867740").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/12/18 22:06 |
| S28 | 65 | ("3831583" "3919724" "3934274").PN. OR ("4190040").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/12/18 22:09 |
| S29 | 1 | ("20060127246").PN. | US-PGPUB; USPAT | OR | OFF | 2009/12/18 22:16 |
| S30 | 1 | lock and S29 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/12/18 22:16 |

| | | | | | | |
|-----|------|--|------------------------------|----|-----|---------------------|
| S31 | 24 | (US-20030073880-\$ or US-20060127246-\$).did. or (US-4190040-\$ or US-4662357-\$ or US-4685447-\$ or US-4798584-\$ or US-4840615-\$ or US-4738657-\$ or US-4841948-\$ or US-5074878-\$ or US-6039712-\$ or US-5435230-\$ or US-4634443-\$ or US-4405305-\$ or US-4413359-\$ or US-4767410-\$ or US-4867740-\$ or US-3831583-\$ or US-4857053-\$ or US-5083576-\$ or US-5330529-\$ or US-4342308-\$ or US-5562598-\$ or US-6623421-\$).did. | US-PGPUB; USPAT | OR | ON | 2009/12/18 22:59 |
| S32 | 3 | lock\$4 and S31 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/12/18 23:00 |
| S33 | 195 | lock\$4 and S4 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/12/18 23:02 |
| S34 | 224 | lock\$4 with (membrane or dome) same pump | US-PGPUB; USPAT; USOCR | OR | ON | 2009/12/18 23:06 |
| S35 | 78 | lock\$4 with (dome) same pump | US-PGPUB; USPAT; USOCR | OR | ON | 2009/12/18 23:07 |
| S36 | 1113 | (600/29-32).CQLS. | US-PGPUB; USPAT | OR | OFF | 2009/12/18 23:09 |
| S37 | 474 | (600/39-41).CQLS. | US-PGPUB; USPAT | OR | OFF | 2009/12/18 23:10 |
| S38 | 1 | ("4408597").PN. | US-PGPUB; USPAT | OR | OFF | 2009/12/19 10:43 |
| S39 | 1 | ("4773403").PN. | US-PGPUB; USPAT | OR | OFF | 2009/12/19 10:44 |
| S40 | 1 | ("4190040").PN. | US-PGPUB; USPAT | OR | OFF | 2010/08/28 11:49 |
| S41 | 765 | (128/899).CQLS. | US-PGPUB; USPAT | OR | OFF | 2010/08/28 14:26 |
| S42 | 6 | (US-4840615-\$ or US-4798584-\$ or US-4685447-\$ or US-4662357-\$ or US-4190040-\$ or US-3831583-\$).did. | USPAT | OR | ON | 2010/08/28 14:26 |

| | | | | | | |
|-----|-------|--|------------------------------|----|-----|---------------------|
| S43 | 323 | ("2073766" "2842775" "3063462" "3170482" "3310051" "3343542" "3527220" "3528869" "3538917" "3600718" "3640269" "3831583" "3905387" "3919724" "3934274" "4160456" "4190040" "4217889" "4235446" "4280498" "4320776" "4341382" "4364395" "4400169" "4405305" "4413359" "4428364" "4536179" "4543088" "4557724" "4685447").PN. OR ("3831583" "4190040" "4662357" "4685447" "4798584" "4840615"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/08/28 14:26 |
| S44 | 794 | (600/30,40).CCLS. | US-PGPUB; USPAT | OR | OFF | 2010/08/28 14:26 |
| S45 | 0 | ("pump.ti.").PN. | US-PGPUB; USPAT | OR | OFF | 2010/08/28 14:26 |
| S46 | 66840 | pump.ti. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/08/28 14:26 |
| S47 | 2 | pump same manual same membrane same septum | US-PGPUB; USPAT; USOCR | OR | ON | 2010/08/28 14:26 |
| S48 | 49 | (pump same manual) and (membrane same septum) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/08/28 14:26 |
| S49 | 3220 | implant\$4 adj pump | US-PGPUB; USPAT; USOCR | OR | ON | 2010/08/28 14:26 |
| S50 | 85 | implant\$4 adj pump.ti. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/08/28 14:26 |
| S51 | 42 | membrane and S50 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/08/28 14:26 |
| S52 | 421 | (417/474).CCLS. | US-PGPUB; USPAT | OR | OFF | 2010/08/28 14:26 |
| S53 | 264 | (417/412).CCLS. | US-PGPUB; USPAT | OR | OFF | 2010/08/28 14:26 |
| S54 | 746 | (417/234).CCLS. | US-PGPUB; USPAT | OR | OFF | 2010/08/28 14:26 |
| S55 | 517 | (417/437).CCLS. | US-PGPUB; USPAT | OR | OFF | 2010/08/28 14:26 |

| | | | | | | |
|-----|-------|--|------------------------------|----|----|---------------------|
| S56 | 250 | pump same head same septum | US-PGPUB; USPAT; USOCR | OR | ON | 2010/08/28 14:26 |
| S57 | 983 | prosthesis with pump | US-PGPUB; USPAT; USOCR | OR | ON | 2010/08/28 14:26 |
| S58 | 118 | septum and S57 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/08/28 14:26 |
| S59 | 13372 | expand\$4 and implant\$4 and pump and membrane | US-PGPUB; USPAT; USOCR | OR | ON | 2010/08/28 14:26 |
| S60 | 267 | S57 and S59 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/08/28 14:26 |
| S61 | 25 | ("4222377" "4571749" "4634443" "4850963").PN. OR ("5562598").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/08/28 14:26 |
| S62 | 660 | S57 not (S58 S60) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/08/28 14:26 |
| S63 | 580 | sphincter same pump | US-PGPUB; USPAT; USOCR | OR | ON | 2010/08/28 14:26 |
| S64 | 247 | sphincter with pump | US-PGPUB; USPAT; USOCR | OR | ON | 2010/08/28 14:26 |
| S65 | 1 | ("2006/0127246").URPN. | USPAT | OR | ON | 2010/08/28 14:26 |
| S66 | 408 | ("1637219" "1810027" "2073766" "2271927" "2717556" "2775401" "2842775" "2845032" "3063462" "3170482" "3343542" "3494343" "3528869" "3559214" "3640269" "3831583" "3905387" "3919724" "3934274" "4019499" "4160454" "4160456" "4190040" "4205401" "4217889" "4222377" "4235446" "4280498" "4320776" "4341382" "4364395" "4400169" "4405305" "4413359" "4419985" "4428364" "4459167" "4536179" "4543088" "4549531" "4551862" "4557724" "4569675" "4571749" "4615704" "4636213" | US-PGPUB; USPAT; USOCR | OR | ON | 2010/08/28 14:26 |

| | | | | | | |
|-----|----|---|------------------------------|----|----|---------------------|
| | | "4666447" "4673394" "4685447" "4704103" "4710174" "4719918" "4723948" "4738657" "4762517" "4767410" "4772270" "4778452" "4781680" "4781695" "4798584" "4802885" "4834720" "4840615" "4861341" "4880414" "4904241" "4929236" "4969873" "5013298" "5026344" "5041098" "5045060" "5053013" "5056992" "5090954" "5108377" "5137529" "5158547" "5185003" "5207644" "5213574" "5263930" "5318545" "5324518" "5328465" "5336194" "5360407" "5387192" "5476460" "5562618" "5613945").PN. OR ("2003/0073880" "4190040" "4634443" "4662357" "4685447" "4738657" "4798584" "4840615" "4841948" "5074878" "5435230" "6039712").URPN. | | | | |
| S67 | 70 | ("2969066" "3020913" "3233610" "3288142" "3452757" "3527226" "3566875" "3595240" "3654932" "3674050" "3683929" "3690323" "3758073" "3769982" "3827439" "3886948" "3889687" "3924635" "3985140" "3991768" "3999553" "4156422" "4190040" "4215695" "4332255" "4387715" "4443214" "4464168" "4540400" "4551128" "4552553" "4557721" "4560375" "4578057" "4583967" "4588394" "4595390" "4601724" "4605395" "4627832" "4631051" "4636194" "4673384" "4675003" "4676772" "4681559" "4735607").PN. OR ("4867740").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/08/28 14:26 |

| | | | | | | |
|-----|------|--|------------------------|----|-----|------------------|
| S68 | 67 | ("3831583" "3919724" "3934274").PN. OR ("4190040").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/08/28 14:26 |
| S69 | 1 | ("20060127246").PN. | US-PGPUB; USPAT | OR | OFF | 2010/08/28 14:26 |
| S70 | 1 | lock and S69 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/08/28 14:26 |
| S71 | 24 | (US-20030073880-\$ or US-20060127246-\$).did. or (US-4190040-\$ or US-4662357-\$ or US-4685447-\$ or US-4798584-\$ or US-4840615-\$ or US-4738657-\$ or US-4841948-\$ or US-5074878-\$ or US-6039712-\$ or US-5435230-\$ or US-4634443-\$ or US-4405305-\$ or US-4413359-\$ or US-4767410-\$ or US-4867740-\$ or US-3831583-\$ or US-4857053-\$ or US-5083576-\$ or US-5330529-\$ or US-4342308-\$ or US-5562598-\$ or US-6623421-\$).did. | US-PGPUB; USPAT | OR | ON | 2010/08/28 14:26 |
| S72 | 3 | lock\$4 and S71 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/08/28 14:26 |
| S73 | 211 | lock\$4 and S44 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/08/28 14:26 |
| S74 | 234 | lock\$4 with (membrane or dome) same pump | US-PGPUB; USPAT; USOCR | OR | ON | 2010/08/28 14:26 |
| S75 | 78 | lock\$4 with (dome) same pump | US-PGPUB; USPAT; USOCR | OR | ON | 2010/08/28 14:26 |
| S76 | 1196 | (600/29-32).CCLS. | US-PGPUB; USPAT | OR | OFF | 2010/08/28 14:26 |
| S77 | 496 | (600/39-41).CCLS. | US-PGPUB; USPAT | OR | OFF | 2010/08/28 14:26 |
| S78 | 1 | ("4408597").PN. | US-PGPUB; USPAT | OR | OFF | 2010/08/28 14:26 |
| S79 | 1 | ("4773403").PN. | US-PGPUB; USPAT | OR | OFF | 2010/08/28 14:26 |
| S80 | 1 | ("4190040").PN. | US-PGPUB; USPAT | OR | OFF | 2010/08/28 14:26 |
| S81 | 794 | (128/899).CCLS. | US-PGPUB; USPAT | OR | OFF | 2011/03/19 14:49 |

| | | | | | | |
|-----|-------|--|------------------------------|----|-----|---------------------|
| S82 | 6 | (US-4840615-\$ or US-4798584-\$ or US-4685447-\$ or US-4662357-\$ or US-4190040-\$ or US-3831583-\$).did. | USPAT | OR | ON | 2011/03/19 14:49 |
| S83 | 340 | ("2073766" "2842775" "3063462" "3170482" "3310051" "3343542" "3527220" "3528869" "3538917" "3600718" "3640269" "3831583" "3905387" "3919724" "3934274" "4160456" "4190040" "4217889" "4235446" "4280498" "4320776" "4341382" "4364395" "4400169" "4405305" "4413359" "4428364" "4536179" "4543088" "4557724" "4685447").PN. OR ("3831583" "4190040" "4662357" "4685447" "4798584" "4840615").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2011/03/19 14:49 |
| S84 | 853 | (600/30,40).CCLS. | US-PGPUB; USPAT | OR | OFF | 2011/03/19 14:49 |
| S85 | 0 | ("pump.ti.").PN. | US-PGPUB; USPAT | OR | OFF | 2011/03/19 14:49 |
| S86 | 68105 | pump.ti. | US-PGPUB; USPAT; USOCR | OR | ON | 2011/03/19 14:49 |
| S87 | 3 | pump same manual same membrane same septum | US-PGPUB; USPAT; USOCR | OR | ON | 2011/03/19 14:49 |
| S88 | 56 | (pump same manual) and (membrane same septum) | US-PGPUB; USPAT; USOCR | OR | ON | 2011/03/19 14:49 |
| S89 | 3493 | implant\$4 adj pump | US-PGPUB; USPAT; USOCR | OR | ON | 2011/03/19 14:49 |
| S90 | 91 | implant\$4 adj pump.ti. | US-PGPUB; USPAT; USOCR | OR | ON | 2011/03/19 14:49 |
| S91 | 44 | membrane and S90 | US-PGPUB; USPAT; USOCR | OR | ON | 2011/03/19 14:49 |
| S92 | 431 | (417/474).CCLS. | US-PGPUB; USPAT | OR | OFF | 2011/03/19 14:49 |
| S93 | 265 | (417/412).CCLS. | US-PGPUB; USPAT | OR | OFF | 2011/03/19 14:49 |

| | | | | | | |
|------|-------|---|------------------------------|----|-----|---------------------|
| S94 | 758 | (417/234).OCLS. | US-PGPUB; USPAT | OR | OFF | 2011/03/19 14:49 |
| S95 | 543 | (417/437).OCLS. | US-PGPUB; USPAT | OR | OFF | 2011/03/19 14:49 |
| S96 | 268 | pump same head same septum | US-PGPUB; USPAT; USOCR | OR | ON | 2011/03/19 14:49 |
| S97 | 1053 | prosthesis with pump | US-PGPUB; USPAT; USOCR | OR | ON | 2011/03/19 14:49 |
| S98 | 122 | septum and S97 | US-PGPUB; USPAT; USOCR | OR | ON | 2011/03/19 14:49 |
| S99 | 14636 | expand\$4 and implant\$4 and pump and membrane | US-PGPUB; USPAT; USOCR | OR | ON | 2011/03/19 14:49 |
| S100 | 284 | S97 and S99 | US-PGPUB; USPAT; USOCR | OR | ON | 2011/03/19 14:49 |
| S101 | 25 | ("4222377" "4571749" "4634443" "4850963").PN. OR ("5562598").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2011/03/19 14:49 |
| S102 | 709 | S97 not (S98 S100) | US-PGPUB; USPAT; USOCR | OR | ON | 2011/03/19 14:49 |
| S103 | 612 | sphincter same pump | US-PGPUB; USPAT; USOCR | OR | ON | 2011/03/19 14:49 |
| S104 | 262 | sphincter with pump | US-PGPUB; USPAT; USOCR | OR | ON | 2011/03/19 14:49 |
| S105 | 1 | ("2006/0127246").URPN. | USPAT | OR | ON | 2011/03/19 14:49 |
| S106 | 429 | ("1637219" "1810027" "2073766" "2271927" "2717556" "2775401" "2842775" "2845032" "3063462" "3170482" "3343542" "3494343" "3528869" "3559214" "3640269" "3831583" "3905387" "3919724" "3934274" "4019499" "4160454" "4160456" "4190040" "4205401" "4217889" "4222377" "4235446" "4280498" "4320776" "4341382" "4364395" "4400169" "4405305" "4413359" "4419985" "4428364" | US-PGPUB; USPAT; USOCR | OR | ON | 2011/03/19 14:49 |

| | | | | | | |
|------|----|--|------------------------------|----|----|---------------------|
| | | "4459167" "4536179" "4543088" "4549531" "4551862" "4557724" "4569675" "4571749" "4615704" "4636213" "4666447" "4673394" "4685447" "4704103" "4710174" "4719918" "4723948" "4738657" "4762517" "4767410" "4772270" "4778452" "4781680" "4781695" "4798584" "4802885" "4834720" "4840615" "4861341" "4880414" "4904241" "4929236" "4969873" "5013298" "5026344" "5041098" "5045060" "5053013" "5056992" "5090954" "5108377" "5137529" "5158547" "5185003" "5207644" "5213574" "5263930" "5318545" "5324518" "5328465" "5336194" "5360407" "5387192" "5476460" "5562618" "5613945") .PN. OR ("2003/0073880" "4190040" "4634443" "4662357" "4685447" "4738657" "4798584" "4840615" "4841948" "5074878" "5435230" "6039712") .URPN. | | | | |
| S107 | 70 | ("2969066" "3020913" "3233610" "3288142" "3452757" "3527226" "3566875" "3595240" "3654932" "3674050" "3683929" "3690323" "3758073" "3769982" "3827439" "3886948" "3889687" "3924635" "3985140" "3991768" "3999553" "4156422" "4190040" "4215695" "4332255" "4387715" "4443214" "4464168" "4540400" "4551128" "4552553" "4557721" "4560375" "4578057" "4583967" "4588394" "4595390" "4601724" "4605395" "4627832" "4631051" "4636194" | US-PGPUB; USPAT; USOCR | OR | ON | 2011/03/19 14:49 |

| | | | | | | |
|------|------|---|------------------------------|----|-----|---------------------|
| | | "4673384" "4675003" "4676772" "4681559" "4735607").PN. OR ("4867740").URPN. | | | | |
| S108 | 72 | ("3831583" "3919724" "3934274").PN. OR ("4190040").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2011/03/19 14:49 |
| S109 | 1 | ("20060127246").PN. | US-PGPUB; USPAT | OR | OFF | 2011/03/19 14:49 |
| S110 | 1 | lock and S109 | US-PGPUB; USPAT; USOCR | OR | ON | 2011/03/19 14:49 |
| S111 | 24 | (US-20030073880-\$ or US- 20060127246-\$).did. or (US- 4190040-\$ or US-4662357-\$ or US-4685447-\$ or US- 4798584-\$ or US-4840615-\$ or US-4738657-\$ or US- 4841948-\$ or US-5074878-\$ or US-6039712-\$ or US- 5435230-\$ or US-4634443-\$ or US-4405305-\$ or US- 4413359-\$ or US-4767410-\$ or US-4867740-\$ or US- 3831583-\$ or US-4857053-\$ or US-5083576-\$ or US- 5330529-\$ or US-4342308-\$ or US-5562598-\$ or US- 6623421-\$).did. | US-PGPUB; USPAT | OR | ON | 2011/03/19 14:49 |
| S112 | 3 | lock\$4 and S111 | US-PGPUB; USPAT; USOCR | OR | ON | 2011/03/19 14:49 |
| S113 | 234 | lock\$4 and S84 | US-PGPUB; USPAT; USOCR | OR | ON | 2011/03/19 14:49 |
| S114 | 244 | lock\$4 with (membrane or dome) same pump | US-PGPUB; USPAT; USOCR | OR | ON | 2011/03/19 14:49 |
| S115 | 79 | lock\$4 with (dome) same pump | US-PGPUB; USPAT; USOCR | OR | ON | 2011/03/19 14:49 |
| S116 | 1259 | (600/29-32).CQLS. | US-PGPUB; USPAT | OR | OFF | 2011/03/19 14:49 |
| S117 | 513 | (600/39-41).CQLS. | US-PGPUB; USPAT | OR | OFF | 2011/03/19 14:49 |
| S118 | 1 | ("4408597").PN. | US-PGPUB; USPAT | OR | OFF | 2011/03/19 14:49 |
| S119 | 1 | ("4773403").PN. | US-PGPUB; USPAT | OR | OFF | 2011/03/19 14:49 |
| S120 | 1 | ("4190040").PN. | US-PGPUB; USPAT | OR | OFF | 2011/03/19 14:49 |

| | | | | | | |
|------|-------|--|------------------------------|----|-----|---------------------|
| S121 | 794 | (128/899).CCLS. | US-PGPUB; USPAT | OR | OFF | 2011/03/19 14:49 |
| S122 | 6 | (US-4840615-\$ or US-4798584-\$ or US-4685447-\$ or US-4662357-\$ or US-4190040-\$ or US-3831583-\$).did. | USPAT | OR | ON | 2011/03/19 14:49 |
| S123 | 340 | ("2073766" "2842775" "3063462" "3170482" "3310051" "3343542" "3527220" "3528869" "3538917" "3600718" "3640269" "3831583" "3905387" "3919724" "3934274" "4160456" "4190040" "4217889" "4235446" "4280498" "4320776" "4341382" "4364395" "4400169" "4405305" "4413359" "4428364" "4536179" "4543088" "4557724" "4685447").PN. OR ("3831583" "4190040" "4662357" "4685447" "4798584" "4840615").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2011/03/19 14:49 |
| S124 | 853 | (600/30,40).CCLS. | US-PGPUB; USPAT | OR | OFF | 2011/03/19 14:49 |
| S125 | 0 | ("pump.ti.").PN. | US-PGPUB; USPAT | OR | OFF | 2011/03/19 14:49 |
| S126 | 68105 | pump.ti. | US-PGPUB; USPAT; USOCR | OR | ON | 2011/03/19 14:49 |
| S127 | 3 | pump same manual same membrane same septum | US-PGPUB; USPAT; USOCR | OR | ON | 2011/03/19 14:49 |
| S128 | 56 | (pump same manual) and (membrane same septum) | US-PGPUB; USPAT; USOCR | OR | ON | 2011/03/19 14:49 |
| S129 | 3493 | implant\$4 adj pump | US-PGPUB; USPAT; USOCR | OR | ON | 2011/03/19 14:49 |
| S130 | 91 | implant\$4 adj pump.ti. | US-PGPUB; USPAT; USOCR | OR | ON | 2011/03/19 14:49 |
| S131 | 44 | membrane and S130 | US-PGPUB; USPAT; USOCR | OR | ON | 2011/03/19 14:49 |
| S132 | 431 | (417/474).CCLS. | US-PGPUB; USPAT | OR | OFF | 2011/03/19 14:49 |

| | | | | | | |
|------|-------|---|------------------------------|----|-----|---------------------|
| S133 | 265 | (417/412).OCLS. | US-PGPUB; USPAT | OR | OFF | 2011/03/19 14:49 |
| S134 | 758 | (417/234).OCLS. | US-PGPUB; USPAT | OR | OFF | 2011/03/19 14:49 |
| S135 | 543 | (417/437).OCLS. | US-PGPUB; USPAT | OR | OFF | 2011/03/19 14:49 |
| S136 | 268 | pump same head same septum | US-PGPUB; USPAT; USOCR | OR | ON | 2011/03/19 14:49 |
| S137 | 1053 | prosthesis with pump | US-PGPUB; USPAT; USOCR | OR | ON | 2011/03/19 14:49 |
| S138 | 122 | septum and S137 | US-PGPUB; USPAT; USOCR | OR | ON | 2011/03/19 14:49 |
| S139 | 14636 | expand\$4 and implant\$4 and pump and membrane | US-PGPUB; USPAT; USOCR | OR | ON | 2011/03/19 14:49 |
| S140 | 284 | S137 and S139 | US-PGPUB; USPAT; USOCR | OR | ON | 2011/03/19 14:49 |
| S141 | 25 | ("4222377" "4571749" "4634443" "4850963").PN. OR ("5562598").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2011/03/19 14:49 |
| S142 | 709 | S137 not (S138 S140) | US-PGPUB; USPAT; USOCR | OR | ON | 2011/03/19 14:49 |
| S143 | 612 | sphincter same pump | US-PGPUB; USPAT; USOCR | OR | ON | 2011/03/19 14:49 |
| S144 | 262 | sphincter with pump | US-PGPUB; USPAT; USOCR | OR | ON | 2011/03/19 14:49 |
| S145 | 1 | ("2006/0127246").URPN. | USPAT | OR | ON | 2011/03/19 14:49 |
| S146 | 429 | ("1637219" "1810027" "2073766" "2271927" "2717556" "2775401" "2842775" "2845032" "3063462" "3170482" "3343542" "3494343" "3528869" "3559214" "3640269" "3831583" "3905387" "3919724" "3934274" "4019499" "4160454" "4160456" "4190040" "4205401" "4217889" "4222377" "4235446" "4280498" "4320776" "4341382" "4364395" "4400169" | US-PGPUB; USPAT; USOCR | OR | ON | 2011/03/19 14:49 |

| | | | | | | |
|------|----|--|------------------------------|----|----|---------------------|
| | | "4405305" "4413359" "4419985" "4428364" "4459167" "4536179" "4543088" "4549531" "4551862" "4557724" "4569675" "4571749" "4615704" "4636213" "4666447" "4673394" "4685447" "4704103" "4710174" "4719918" "4723948" "4738657" "4762517" "4767410" "4772270" "4778452" "4781680" "4781695" "4798584" "4802885" "4834720" "4840615" "4861341" "4880414" "4904241" "4929236" "4969873" "5013298" "5026344" "5041098" "5045060" "5053013" "5056992" "5090954" "5108377" "5137529" "5158547" "5185003" "5207644" "5213574" "5263930" "5318545" "5324518" "5328465" "5336194" "5360407" "5387192" "5476460" "5562618" "5613945") .PN. OR ("2003/0073880" "4190040" "4634443" "4662357" "4685447" "4738657" "4798584" "4840615" "4841948" "5074878" "5435230" "6039712") .URPN. | | | | |
| S147 | 70 | ("2969066" "3020913" "3233610" "3288142" "3452757" "3527226" "3566875" "3595240" "3654932" "3674050" "3683929" "3690323" "3758073" "3769982" "3827439" "3886948" "3889687" "3924635" "3985140" "3991768" "3999553" "4156422" "4190040" "4215695" "4332255" "4387715" "4443214" "4464168" "4540400" "4551128" "4552553" "4557721" "4560375" "4578057" "4583967" "4588394" "4595390" "4601724" | US-PGPUB; USPAT; USOCR | OR | ON | 2011/03/19 14:49 |

| | | | | | | |
|------|------|---|------------------------------|----|-----|---------------------|
| | | "4605395" "4627832" "4631051" "4636194" "4673384" "4675003" "4676772" "4681559" "4735607").PN. OR ("4867740").URPN. | | | | |
| S148 | 72 | ("3831583" "3919724" "3934274").PN. OR ("4190040").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2011/03/19 14:49 |
| S149 | 1 | ("20060127246").PN. | US-PGPUB; USPAT | OR | OFF | 2011/03/19 14:49 |
| S150 | 1 | lock and S149 | US-PGPUB; USPAT; USOCR | OR | ON | 2011/03/19 14:49 |
| S151 | 24 | (US-20030073880-\$ or US- 20060127246-\$).did. or (US- 4190040-\$ or US-4662357-\$ or US-4685447-\$ or US- 4798584-\$ or US-4840615-\$ or US-4738657-\$ or US- 4841948-\$ or US-5074878-\$ or US-6039712-\$ or US- 5435230-\$ or US-4634443-\$ or US-4405305-\$ or US- 4413359-\$ or US-4767410-\$ or US-4867740-\$ or US- 3831583-\$ or US-4857053-\$ or US-5083576-\$ or US- 5330529-\$ or US-4342308-\$ or US-5562598-\$ or US- 6623421-\$).did. | US-PGPUB; USPAT | OR | ON | 2011/03/19 14:49 |
| S152 | 3 | lock\$4 and S151 | US-PGPUB; USPAT; USOCR | OR | ON | 2011/03/19 14:49 |
| S153 | 234 | lock\$4 and S124 | US-PGPUB; USPAT; USOCR | OR | ON | 2011/03/19 14:49 |
| S154 | 244 | lock\$4 with (membrane or dome) same pump | US-PGPUB; USPAT; USOCR | OR | ON | 2011/03/19 14:49 |
| S155 | 79 | lock\$4 with (dome) same pump | US-PGPUB; USPAT; USOCR | OR | ON | 2011/03/19 14:49 |
| S156 | 1259 | (600/29-32).CQLS. | US-PGPUB; USPAT | OR | OFF | 2011/03/19 14:49 |
| S157 | 513 | (600/39-41).CQLS. | US-PGPUB; USPAT | OR | OFF | 2011/03/19 14:49 |
| S158 | 1 | ("4408597").PN. | US-PGPUB; USPAT | OR | OFF | 2011/03/19 14:49 |
| S159 | 1 | ("4773403").PN. | US-PGPUB; USPAT | OR | OFF | 2011/03/19 14:49 |

| | | | | | | |
|------|---|-----------------|--------------------|----|-----|---------------------|
| S160 | 1 | ("4190040").PN. | US-PGPUB; USPAT | OR | OFF | 2011/03/19 14:49 |
|------|---|-----------------|--------------------|----|-----|---------------------|

EAST Search History (I nterference)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|---|------|------------------|---------|---------------------|
| L1 | 23 | (600/38-41,37,28-31).CCLS. | UPAD | OR | OFF | 2011/03/19 16:37 |
| L2 | 3 | (417/234,412,437,474).CCLS. | UPAD | OR | OFF | 2011/03/19 16:37 |
| L3 | 7 | (604/93,131,132,86).CCLS. | UPAD | OR | OFF | 2011/03/19 16:37 |
| L4 | 0 | ("0000123").PN. | UPAD | OR | OFF | 2011/03/19 16:38 |
| L5 | 33 | 1 2 3 | UPAD | OR | ON | 2011/03/19 16:38 |
| L6 | 16426 | pump wall membrane and (salf adj seal\$3) and lock | UPAD | OR | ON | 2011/03/19 16:42 |
| L7 | 0 | pump and wall and membrane and (salf adj seal\$3) and lock | UPAD | OR | ON | 2011/03/19 16:42 |
| L8 | 0 | (pump and wall and membrane and (salf adj seal\$3) and lock).clm. | UPAD | OR | ON | 2011/03/19 16:42 |
| L12 | 4 | pump and wall and membrane and (self adj seal\$3) and lock | UPAD | OR | ON | 2011/03/19 16:43 |
| L13 | 0 | (pump and wall and membrane and (self adj seal\$3) and lock).clm. | UPAD | OR | ON | 2011/03/19 16:43 |

3/ 19/ 11 5:14:01 PM**H:\ EAST workspaces\ 10530015.wsp**